TRIODE-OUTPUT PENTODE

Triode pentode with separate cathodes.
Triode intended for use as frame oscillator or pulse amplifier.
Pentode intended for use as frame output tube.

HEATING: Indirect by A.C. or D.C.; parallel supply

Heater voltage	V_f	6.3	V
Heater current	I_f	875	mA

OPERATING CHARACTERISTICS OF THE PENTODE SECTION

Hum

The equivalent pentode grid hum voltage without negative feedback and without A.C. voltage between heater and cathode is max. 10 mV_{RMS} when Z_{g_1} (at f = 50 Hz) $\leq$ 0.5 MΩ and C_{g_1-f} = 0.2 pF.

LIMITING VALUES (Design centre rating system)

Triode section

Cathode to heater voltage	V_{kf}	max.	100	V
D.C. component during warming up	V_{kf} (k pos)	max.	315	V

Pentode section

Cathode to heater voltage	V_{kf}	max.	100	V

For further data and curves
please refer to PCL85/PCL805

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Data handbook

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Electronic components and materials

ECL85 ECL805

page	sheet	date
1	1	1969.01
2	FP	1999.08.12